

SDG 14

LIFE BELOW WATER

14.2 SUPPORTING AQUATIC ECOSYSTEMS THROUGH EDUCATION

14.2.1 FRESHWATER ECOSYSTEMS (COMMUNITY OUTREACH)

Offer educational Programs on freshwater-ecosystems (water irrigation practices/water management conservation) for local or national communities



Certificate of Program Compliance (COPC) of the BS Fisheries Program of CSU-Aparri Campus

BS in Fisheries Curriculum where Freshwater Ecosystems Management is Covered in the Program



**CAGAYAN STATE UNIVERSITY
COLLEGE OF FISHERIES AND MARINE SCIENCE**

Bachelor of Science in Fisheries and Aquatic Sciences 2019 Curriculum

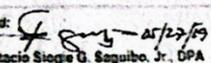
FIRST YEAR

First Semester

Course Code		Description	Grade	Prerequisite	Units	No. of Hours		
						Lec	Lab	Total
GEC	109	Understanding the Self			3	3	0	3
GEC	108	Readings in Philippine History			3	3	0	3
GEC	107	Purposive Communication			3	3	0	3
GEC	102	Mathematics in the Modern World			3	3	0	3
GE Elec	11	Computer in Fisheries			3	3	0	3
ZOO	11	Zoology			5	3	6	9
FISH	50	Fundamentals in Fisheries			5	3	6	9
PE	11	Physical Fitness			(2)	(2)	0	2
NSTP	1	National Service Training Program			(3)	(3)	0	3
Total					25	21	12	38

SECOND SEMESTER

Course Code		Description	Grade	Prerequisite	Units	No. of Hours		
						Lec	Lab	Total
GEC	102	Art Application			3	3	0	3
GEC	104	The Contemporary World		SOCSCI 12	3	3	0	3
GE Elec	22	Plane Trigonometry			3	3	0	3
BOT	11	Botany			5	3	6	9
CHEM	11	Inorganic Analytic Chemistry			5	3	6	9
FISH	55	Aquaculture 1			4	3	3	6
PE	12	Swimming 1 (Basic swimming course)		PE 11	(2)	(2)	0	2
NSTP	2	National Service Training Program		NSTP 1	(3)	(3)	0	3
Total					23	18	12	38

Noted: 
 Anastacio Stogie G. Saguibo, Jr., DPA
 Education Supervisor II
 CHEDRO 2

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SECOND YEAR

FIRST SEMESTER

	Description	Grade	Prerequisite	Units	No. of Hours		
					Lec	Lab	Total
101	English Language Proficiency 1		None	3	3	0	3
21	Advance Statistical Design and Analysis for Fisheries			3	3	0	3
12	Organic Chemistry		CHEM 11	5	3	6	9
52	Ichthyology			5	3	6	9
53	Aquatic Ecology and Resources		BOT 11 & ZOO 11	5	3	6	9
13	Advance Swimming		PE 12	(2)	(2)	0	2
				21	15	18	35

SECOND SEMESTER

	Description	Grade	Prerequisite	Units	No. of Hours		
					Lec	Lab	Total
102	English Language Proficiency 2		ENG 101	3	3	0	3
105	Life Works of Rizal			3	3	0	3
13	Biochemistry		CHEM 12	3	2	3	5
11	Microbiology		CHEM 12	3	2	3	5
51	Oceanography			3	3	0	3
56	Aquaculture 2		FISH	5	3	6	9
54	Fisheries Meteorology			3	3	0	3
14	Introduction to Scuba Diving		PE 13	(2)	(2)	0	2
				23	19	12	33

Noted: *[Signature]* 05/22/19
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THIRD YEAR

FIRST SEMESTER

Course Code	Description	Grade	Prerequisite	Units	No. of Hours		
					Lec	Lab	Total
61	Aquaculture Engineering		Math 12	4	3	3	6
66	Fish Health Management		Fish 63	3	3	0	3
60	Fish Nutrition		Fish 55 & Fish 57	3	3	0	3
72	Fish Genetics, Breeding and Hatchery Management			5	3	6	9
64	Research Methods			3	3	0	3
59	Post-Harvest Fisheries		Chem 13 & Micro 11	5	3	6	9
				23	18	15	33

SECOND SEMESTER

Course Code	Description	Grade	Prerequisite	Units	No. of Hours		
					Lec	Lab	Total
73/ Elec4	Fish Processing Plant Management, Fishery Product Safety, Quality & Packaging		Micro 11	5	3	6	9
58	Capture Fisheries		FISH 51	5	3	6	9
57	Physiology of Aquatic Organisms		FISH 52	3	3	0	3
75	Fishery Laws, Policies and Rehabilitation			3	3	0	3
68/ Elec2	Fish Product Development & Processing of Minor By-Products and Product Analysis			5	3	6	9
99	Thesis 1			3	3	0	3
				24	18	18	36

Noted: *[Signature]* 05/27/19
 Anastacio Sergio G. Saguba, Jr. DPA
 Education Supervisor II
 CHEDRO 2

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SUMMER

	On Job Training			6	0	0	172
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FOURTH YEAR

FIRST SEMESTER

Course Code		Description	Grade	Prerequisite	Units	No. of Hours		
						Lec	Lab	Total
EC	103	Science, Technology and Society			3	3	0	3
FISH	71/ Elec3	GIS and Remote Sensing of Fisheries			3	3	0	3
FISH	74/ Elec5	Phil. Fishing Grounds and Rehabilitation			3	3	0	3
FISH	65	Project Development, Management & Entrepreneurship		Fish 64	5	3	6	9
FISH	63/ Elec6	Phycology		Micro 11	3	2	3	5
FISH	100	Thesis 2			3	3	0	3
Total					20	17	9	26

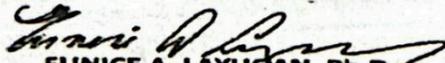
SECOND SEMESTER

Course Code		Description	Grade	Prerequisite	Units	No. of Hours		
						Lec	Lab	Total
EC	106	Ethics			3	3	0	3
E Elec	12	Social graces/Personality development			3	3	0	3
SH	70	Fisheries Management			5	3	6	9
SH	90	Seminar			1	1	0	1
SH	62/ Elec1	Navigation and Seamanship			3	3	0	3
SH	67	Fisheries Extension			3	3	0	3
SH	200	Course Audit			6	6	0	6
Total					24	22	6	28

Noted: *[Signature]* 05/27/19
 Anastacio Siago G. Seguibo, Jr. DPA
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 05/28/19
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red by:


EUNICE A. LAYUGAN, Ph.D.
Dean, CSU Aparri

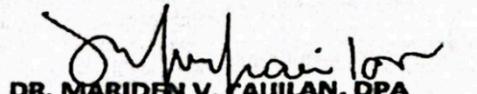
rsed by:


KATHYON B. CRUZ, DVM, Ph.D.
University Dean, Agriculture and Fisheries

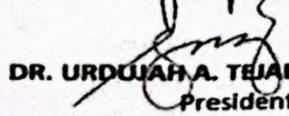
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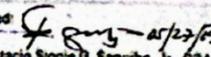

LIRIO GUDINA C. MANGAWIL, Ph.D.
Director of Instruction

Recommending Approval:


DR. MARIDEN V. CAULAN, DPA
Vice President for Academic Affairs

Approved:


DR. URDUJAH A. TEJADA, CESO II
President

Noted:  05/22/19
Anastacio Sogbo U. Saguibo, Jr., DPA
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